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MONTHLY REPORT

1 February to 28 February 1958

Matériel Support Branch
Engineering Division

I. PROJECTS AND ACTIVITIES

A. MATERIEL CONTROL SECTION

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1. All Systems II material currently located at the [REDACTED] has been assigned a special series of 7-digit stock numbers. A total of 1,383 items have been recorded, representing the assignment of 227 special stock numbers. This project represents, to date, the expenditure of 250 man hours. In connection with this project, the Office of Logistics has officially reneged on the original agreement for the assignment of special stock numbers for this type equipment. In addition, Logistics is also attempting to renege in agreement concerning "no property authorization" required for the movement or "issue" of this material. Final resolution of this problem has not yet been reached, and OC representatives would not agree to "property authorization" or the furnishing of estimated prices for Systems II material, until such time as the Supply Division gets an Agency ruling on property authorization and its effect on material procured under "O7" (R&D) funds. Several "Memos for the Record" are on file concerning the several meetings held with Logistics in connection with this problem. The new series of stock numbers which Logistics has agreed to assign to replace the original 7-digit numbers will not be as flexible. However, having recognized OL's problem, OC had no choice but to accept, in principle, the new series of 11-digit numbers. This number will, for all practical purposes, meet OC requirements and will be coded to denote Prototype material.

2. Purification and standardization of Paper Capacitors are approximately 90 per cent complete. This project has reached the final review status. It is believed that final action to Logistics on these capacitors will be completed prior to the next reporting period.

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3. The new instruction book for the CS-3A has been reviewed and proofread for errors, completeness, and comments. The necessary corrections and comments were forwarded to Mr. [REDACTED] R&D/EP for final action with the contractor. The instruction books are of the type recommended for Agency peculiar equipment. This is MCS's first attempt to participate actively in the preparation of an instruction manual for Agency peculiar equipment. It will contain the normal types of technical and operational instructions, plus MPL-type information, i.e., complete stock numbers of each and every electronic part used in subassemblies, resistors, condensers, transformers, etc. The inclusion of the latter type of information is still a goal which we believe OC should shoot for in future manuals for Agency peculiar equipment.

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4. The "where-used" file has been reorganized and a new sub-division tab-index system completed. The task of transferring information to the new form 118 is underway and hopes are that it will be completed prior to next reporting period. When this is accomplished, the file will contain uniform information wherever possible.
5. The new Identification Cards for Group V material have now been integrated into the ID Card File. There were approximately 12,000 cards involved, with a remaining 1,000 belonging to other groups. This task should be completed by the early part of next week.
6. A large percentage of errors and mis-information has been uncovered concerning the physical and electrical interchangeability of components in the HT-4 series transmitters. The interchangeability problem exists primarily between G, H, and I models. Much of the present information from Hallicrafters conflicts with the previous information furnished by Hallicrafters. This has created confusion in field requisitions, procurement, warehousing stock, cataloging, inspection, and in the keeping of various necessary records. In order to resolve this problem, we have asked Hallicrafters for a list of interchangeable parts (by their part number) between the various commercial models as well as those with military designations. Cost for this information has not yet been determined.
7. 1,734 Department of Defense nomenclature cards have been received and filed during this reporting period. These cards actually represent advance information on equipments and parts in the R&D and/or other stages of development or production under the cognizance of DOD.
8. Correspondence has been forwarded to the Office of Logistics requesting that the disposal action be effected for 171 different values of capacitors. These capacitors had been declared Limited Standard several months ago and have since been replaced by the new standards.
9. The "Identification, Inspection, and Packaging Program" is progressing slowly. Group 5950 (transformers, coils, etc.) is currently being reviewed. To date, 290 items have been inspected and 58 discrepancies have been uncovered. Fifteen of these discrepancies have been found after the completion of the Group V inventory. This Group is now approximately 65 per cent completed.
10. A total of 20 replenishment requisitions originated by Logistics have been reviewed and represent 108 line items. Procurement action was cancelled on 5 of these 108 items because OC had previously declared these items Limited Standard.
11. A total of 410 requisitions (3,310 items) were processed by MCS during this reporting period. Twenty of these requisitions (43 items) were eventually cancelled.
12. LCN's were initiated for the following:
 - a. Assignment of 40 new stock numbers. These new numbers were assigned to new spare parts, power distribution material for OC stockpile, new Handie Talkies (for TSS support), etc.

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b. Reclassification of 28 items (capacitors, tubes, etc.) to a Limited Standard category.

c. Reclassification of 1 item (capacitors) to Obsolete category.

d. Miscellaneous action (level changes, descriptions, etc.) on 11 items in supply.

13. The FY-58 Phased Procurement Schedule is progressing satisfactorily. To date, \$926,513.43 has been committed for general Commo stock. In addition, \$585,199.96 has been committed for stock procurement of specialized ELINT material.

Routine duties continued.

B. FIELD SUPPORT SECTION

During this period 189 requisitions for 1455 line items were processed. A breakdown by Area follows:

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Local Projects [REDACTED]

1. Routine Requisitioning: 35 requisitions processed for a total of 144 line items.

2. Arrangements were made to transfer [REDACTED] on a ^{25X1A} loan basis the following equipments:

- 6 each RS-6's
- 6 each RS-1's
- 6 each GN-58's
- 6 each UGP-12's

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3. The Communicator assigned to [REDACTED] was briefed on Supply Procedures.

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4. A dispatch was sent [REDACTED] authorizing disposition of a vehicle assigned to the Communicator [REDACTED].

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5. Disposition authorization was requested for a 1952 Chevrolet sedan and a 1954 Station Wagon on the [REDACTED] TVA. Replacement vehicles have been requisitioned.

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6. A memorandum was written to the Supply Division requesting that retro-active approval be granted for the procurement of a motor scooter for the Communicator at [REDACTED]. This vehicle was procured in December 1955 prior to the establishment of a TVA for that station as emergency standby transportation, since there was no other transport available to the Communicator after 1730 hours. This action was necessary to clear the records since the station is still carrying this procurement as an advance.

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7. Memos justifying a vehicle for the Communicator at [REDACTED] and one for the Communicator at [REDACTED] were prepared. These memos will be forwarded to NEA/LOG as all NEA Field Station vehicles will now be handled by that office.

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25X1A6a

25X1A6a [REDACTED]

1. Routine Requisitioning: 42 requisitions for a total of 532 line items.

25X1A6a [REDACTED]

2. Project Activity: One requisition for 228 line items, comprising a complete one-man station, was activated on 10 February for [REDACTED]. The first partial shipment (192 items, 7568 lbs.) containing all critical items departed ZI 26 February arriving destination 1016Z 28 February. Subsequent shipments containing relatively minor purchase items have been and will continue to be forwarded on a priority basis. It is worth noting that both Headquarters and [REDACTED] were snowbound during a portion of this period. A requisition for furnishing 9 apartments was processed [REDACTED] 25X1A

25X1A6a [REDACTED]

18 requisitions for a total of 182 line items.

25X1A6a [REDACTED]

No unusual requisitioning activity.

Field	6 Req.	125 Line items
Hqs.	3 Req.	3 line items
Total	9 Req.	128 Line items

25X1A6a [REDACTED]

Field	12 Req.	72 Line items
Hqs.	7 Req.	19 Line items
Total	19 Req.	91 Line items

25X1A6a [REDACTED]

Field	4 Req.	18 Line items
Hqs.	3 Req.	3 Line items
Total	7 Req.	21 Line items

<u>Grand Total</u>	<u>35 Req.</u>	<u>240 Line items</u>
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25X1A6a [REDACTED]

34 Requisitions for a total of 276 line items.

The items listed above constitute the significant equipments requisitioned during February.

3 each 51-J-4
 8 each 1302
 1 each NM-20B
 1 each NM-30A
 4 each Conset Communicators

There was no outstanding project activity this month.

25X1A6a [REDACTED]

25 Requisitions for a total of 81 Line items.

Only routine supply items for this month.

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25X1A

Project Activity: During the month of February, 5 requisitions were initiated for Project [REDACTED] including the following significant equipments:

3 each Receiving Set, APR-9B
2 each Freq. meter, TS-186D/UP
2 each Radio Set AN/URM-44
2 each Sig. Generator, AN/URM-52
2 each Sig. Generator, AN/URM-61
2 each Sig. Generator, AN/URM-64

C. TEST & INSPECTION SECTION

1. The figures below represent the amount of material processed by the T&I Sections during the month.

	HQ	ECW	BRW	TOTAL
<u>Receiving:</u>				
Orders	213	71	Not	408
Items	2032	217	Available	2249
Pieces	17,561	2100		19,661
<u>Cargo:</u>				
Vouchers	190	8	Not	198
Items	923	16	Available	939
Pieces	24,292	46		24,338
<u>Job Orders:</u>				
Orders	13			13
Items	13			13
Pieces	39			39
<u>PTI's:</u>				
Vouchers	12			12
Items	21			21
Pieces	26			26

25X1A5a1 All Hammarlund SP600 receivers modified by [REDACTED] on contract [REDACTED] have now been received in the Depots. This includes 1 receiver returned by [REDACTED] and considered impractical to repair. Temporarily this receiver has been placed in Condition C-3 and will be held in that category for a limited time. Parts will be used for repair of other receivers of this type and the skeleton finally disposed of. 25X1A5a1

25X1A9a Two men, [REDACTED] witnessed a system check of CS-3/CS-3A equipment at the contractor's. Comprehensive tests of the equipment will be made by T&I on receipt.

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25X1A5a1 Three men were sent to [REDACTED] Chicago, during the month.

Some filter chokes for URT-11 transmitters have been received and information that some filament transformers for these units have been delivered to the pick-up address will enable the T&I Sections to start required modifications to these units soon.

25X1A9a Six transmitters, designated RT-4A, were delivered by the Contractor and tested by Mr. [REDACTED] SDS/SEB, and T&I personnel in this Section. Repairs needed were effected and the equipment is now ready for issue.

25X1A One [REDACTED] DF set was broken down into individual components for MSB Project "Z", an allocation 23 transaction.

2. T&I, ECW: This facility, as shown in the material processed above, is continuing to do approximately twice as much work as has been considered the monthly average.

Inspection of the receivers packed with the Two Position Stations showed them to be SP600's as required.

25X1A9a Mr. [REDACTED] of this Section will start required modifications to equipment which had been held up because of other priority work.

3. T&I, ERW: Not available.

4. Crystal Lab Unit: This unit processed a total of 695 quartz crystal units during the month. The present backlog of work consists of 13 requisitions for a total of 4729 units.

The above figures show that although production increased, the number of units requisitioned was larger and shows a net increase in the backlog of 429 units in one month.

Because the required delivery dates on some requisitions were not realistic, the requisitioning office (O&I) was informed of the situation and a suggestion that overtime to the extent of 64 man hours during March would help to keep the backlog from increasing. Authorization for overtime has been given for 64 hours between now and 22 March.

It is pointed out that in the last three months, the backlog of orders for crystal units has increased from 147 at the end of November to its present figure of 4729 units.

25X1A5a1 [REDACTED] Contractor, delivered 3992 new units which were checked and found to conform to the contract specifications. This contract is now virtually completed.

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5. Purification and Identification Unit: The two inspectors working on this program and currently purifying Group 5950, Coils and Transformers, inspected 284 items, 9804 pieces of new or stock replacement parts as receiving. This is in addition to progress made on the purification of coils mentioned above.

D. LIBRARY

1. During the period 1 February 1958 through 28 February 1958, the Library received and processed 496 written and/or verbal requests for reference services, technical information, and/or procurement of documents and publications.

2. The Engineering Library in turn submitted:

Fifteen (15) requests to OCR/Library for loan of books and documents.
Ninety-three (93) requests to OCR/Book Order for purchase of publications.

Eighteen (18) letters to U. S. commercial concerns for technical information.

3. In addition, routine clerical, administrative, and other library duties were performed, such as cataloging and classification of publications, analysis and dissemination of intelligence reports, typing memos, dispatches, reports, requisitions, reproduction requests, etc.

4. The OC-E/Library was closed on 13 and 14 February due to physical reorganization of the office to accommodate 6 additional shelving required for expansion of publications.

E. LIAISON

1. Tasks: 31 Requests for Liaison were received during the month of February 1958. During this period, 46 liaison requests were completed, and on 28 February, 30 were pending completion, of which 17 represent routine catalog requests. This represents a normal work load for this office.

a. Offices requesting liaison were:

- (1) OC-E (26 requests total)
 - (a) R&D (7 requests)
 - (b) SEB (10 requests)
 - (c) IMB (0 requests)
 - (d) MSB (9 requests)
- (2) O&T (4 requests)
- (3) SPD (14 requests)
- (4) TSS (2 requests)

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2. Administrative - As a result of the unusually high work load of January 1958, it was decided that Requests for Liaison involving determination solely of price and availability of standard American equipment would not be handled by the Technical Liaison Officer, but would be referred to MSB/MCS.

25X1A5a1 3. Trips were made to the Pentagon (USAF, USNavy, and USArmy), Main Navy, (BuShips), Andrews AFB, [REDACTED] and the Federal Communications Commission. Contact was maintained with the local offices of leading Electronics manufacturers.

4. Liaison Office Security functions during the reporting period included requesting 3 clearances for CIA personnel, and 11 clearances for commercial representatives.

II. ADMINISTRATIVE

A. BRANCH

25X1A9a 1. Mr. [REDACTED] returned from home leave 19 February following a tour
25X1A6a as [REDACTED] Supply Officer and was designated as Acting Deputy Chief of the Branch.

25X1A9a 2. Messrs. [REDACTED] accompanied Mr. [REDACTED] Deputy 25X1A9a
25X1A Chief, Administrative Staff, OC, on a familiarization tour of the Test & Inspection Section [REDACTED] warehouse on 27 February.

25X1A B. TRAINING - [REDACTED] VHF School (5-day course)

25X1A9a [REDACTED]

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[REDACTED]
Acting Chief, Materiel Support Branch

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